<<<<<<< **Unit 2 Biochemistry Octahedron Activity** >>>>>>>

Due: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_@ beginning of class!!

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| **Side 1:** | Names, Block, & Due Date |
| **Side 2:** | *Enzymes* | * Draw and label a graph showing enzyme activity vs. non-enzyme activity (2 different colors)
* Explain how enzymes speed up chemical reactions.
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| **Side 3:** | *Enzymes* | * Draw and label an enzyme, substrate, & active site
* List 3 things that affect the function of enzymes
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| **Side 4:** | *Lipids* | * List the monomer, functions, & examples of lipids and food sources
* Draw a picture of the chemical structure
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| **Side 5:** | *Proteins* | * List the monomer, functions, & examples of proteins and food sources
* Draw a picture of the chemical structure
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| **Side 6:**  | *Carbohydrates* | * List the monomer, functions, & examples of carbohydrates and food sources
* Draw a picture of the chemical structure
 |
| **Side 7:** | *Nucleic acids* | * List the monomer, functions, & examples of nucleic acids
* Draw a picture of DNA & RNA
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| **Side 8:**  | *pH* | * List the range of the pH scale
* Label the acids, bases, and neutral on the scale
* Label the distribution of H+ and OH- ions on the scale
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**Grading: 50 points total**

* 42 points for octahedron contents (6 points each side 2-8)
* 8 points creativity, neatness, colored *AND* reflects strong effort

**Deduction:** -10% off EACH DAY LATE (MUST be assembled BEFORE you walk in on the due date)